Indiana Trauma Care Committee Meeting **February 7, 2014**

District 1

Methodist Northlake

Methodist Southlake

Porter Regional (Valparaiso)

St. Anthony – Crown Point

St. Margaret - Dyer

District 2

Community Hospital of

Bremen

Elkhart General

Memorial Hospital South Bend

Pulaski Memorial Hospital

District 3

Cameron Memorial

Dukes Memorial

Lutheran

Parkview Huntington

Parkview LaGrange

Parkview Noble

Parkview Randallia

Parkview Regional Medical

Center

Parkview Whitley

District 4

Franciscan St. Elizabeth – Lafayette Central

Franciscan St. Elizabeth – Lafayette East

IU Health – Arnett

IU Health - White Memorial

District 5

Eskenazi Health

St. Francis – Indianapolis

St. Francis - Mooresville

Hendricks Regional Health

IU Health – Methodist

IU Health – North

IU Health – Riley for Children

Johnson Memorial

Major Hospital

St. Vincent - Indianapolis

Witham Health Services

Witham at Anson

District 6

Community Hospital of Anderson & Madison Co.

Henry County

IU Health - Ball Memorial

IU Health – Tipton

Marion General

Reid Hospital

St. Vincent Anderson

District 7

St. Vincent - Clay

Sullivan County Community

Terre Haute Regional

Union Hospital

Union - Clinton

District 8

IU Health - Bedford

IU Health – Bloomington

Monroe Hospital

Schneck Medical Center

District 9

Scott Memorial

District 10

Daviess Community

Deaconess

Gibson General

Good Samaritan

Memorial Hospital & Health Care Center

Perry County Memorial

St. Mary's Medical Center

St. Mary's Warrick

SUMMARY OF HOSPITALS REPORTING STATUS – Q3 2013

New to Reporting / Started Reporting Again

- Porter Regional (Valparaiso)*
- Dukes Memorial
- Parkview Randallia*
- IU Health North*
- Union Clinton
- St. Mary's Medical Center

Dropped off

- Pulaski Memorial
- St. Elizabeth Central
- Witham at Anson
- Scott Memorial
- Gibson General

^{* =} New to Reporting

HOSPITALS TRAINED ON THE TRAUMA REGISTRY (YTD)

- Adams Memorial
- Community Howard

QUARTER 3 2013 STATEWIDE REPORT

- o 6,904 incidents
- July 1, 2013 to September 30, 2013
- 54 total hospitals reporting
 - 9 trauma centers
 - 45 hospitals

ADDED: COVER PAGE

Indiana Trauma Registry

Statewide Quarter 3 Data Report

July 1, 2013 to September 30, 2013 6,904 Incidents

54 Total Hospitals Reporting

Trauma Centers: 9 facilities 58.3% of data (Non-Trauma) Hospitals: 45 facilities 41.7% of data

For Quarter 3 2013, which spanned from July 1, 2013 to Sept 30, 2013, there were 6,904 incidents reported to the Indiana Trauma Registry. There were 54 hospitals that reported, of which 9 were trauma centers and 45 were non-trauma centers. There were six hospitals that either started to report again or were new to report during this quarter compared to the previous quarter, while five hospitals dropped off from reporting. Trauma centers represented 58.3% of the data. There were 2,241 incidents reported for July, 2,407 reported for August, and 2,256 reported for September.

The content of this report has changed due to suggestions and additions requested by the Indiana State Trauma Care Committee at the November, 2013 meeting. Explanations of the changes requested and adapted from the November, 2013 ISTCC meeting can be found on page 19. We are continuing to do research about the Trauma Score and Injury Severity Score Analysis, also known as TRISS, as requested at the previous meeting. We plan to include this in the 2013 Q4 report.

Some general reminders include that the blue columns represent an Indiana average, red columns represent trauma centers, and green columns represent non-trauma centers. If a single percent is listed above a group of bars, the percent listed represents the average for Indiana. If a number is listed above a group of bars, it represents the count for Indiana.

Due to changes in our SAS programming code, the "Not Categorized" cause of injury category changed significantly due to more flexibility to include E-codes. The E-codes used in this report follow the ICD-9 CDC matrix of external cause of injury. We also had a decrease in the "No E-code" category so that it is now less than one percent of the data reported.

Definitions:

Direct Admit: Patient is admitted directly to the hospital and does not spend time in Emergency Department. The ED Length of Stay should reflect a direct admittance.

Trauma Type: The classification of the force applied to the body. Trauma type categories include blunt, penetrating, thermal, and other trauma. External Cause of Injury: ICD-9-CM codes that are used to describe the mechanism or external factor that caused the injury event.

Acronyms:

CAHs: Critical Access Hospital LOS: Length of Stay

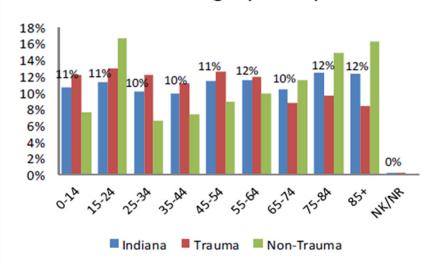
E-code: External Cause of Injury MVC: Motor Vehicle Collision

ED: Emergency Department OR: Operating Room ICU: Intensive Care Unit Ps: Probability of Survival

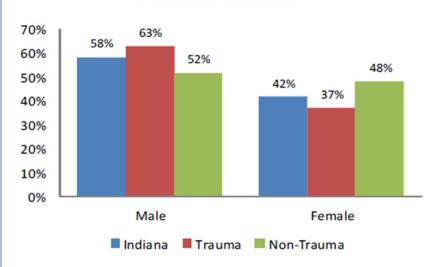
ISS: Injury Severity Score

PATIENT DEMOGRAPHICS - PAGE 2

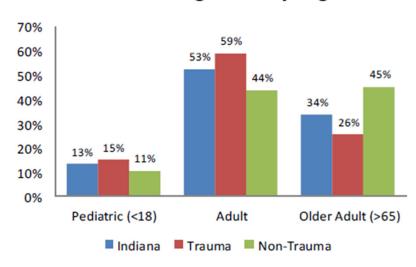
Patient Age (Years)



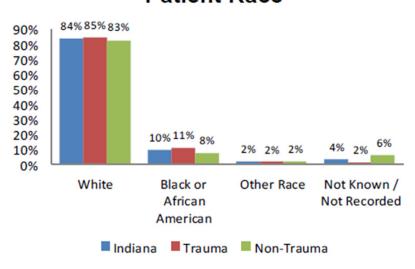
Patient Gender



Patient Age Groupings

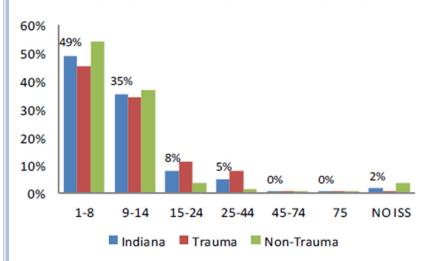


Patient Race

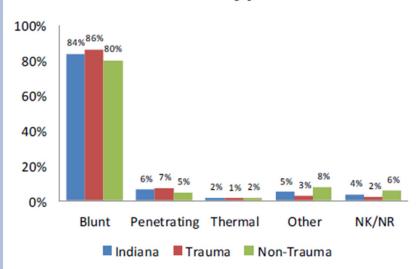


INJURY - PAGE 3

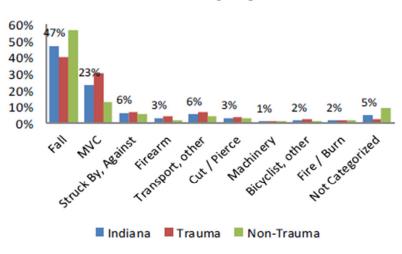
Injury Severity Score (ISS)



Trauma Type

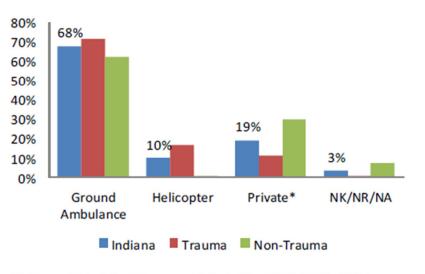


Cause of Injury



<1% COI: Pedestrian Traffic Accident, Natural/Environment, Fire/Burn, Overexertion, Bites/Stings, No E-Code

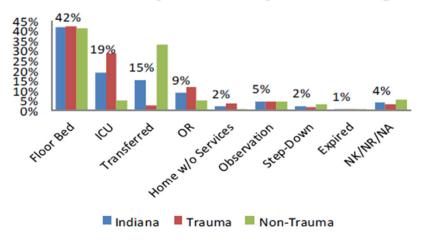
Transport Mode



^{*} Indicates Private/ Public Vehicle, Walk-in

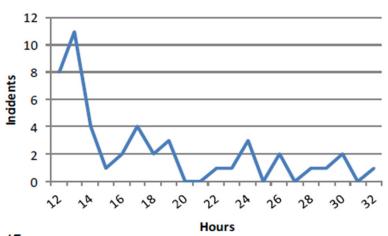
ED: DISPOSITION / LENGTH OF STAY - PAGE 4

ED Disposition by Percentage

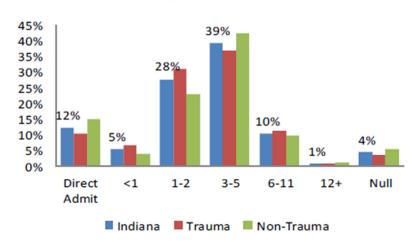


<1% ED Disposition: AMA; Home with Services; Other

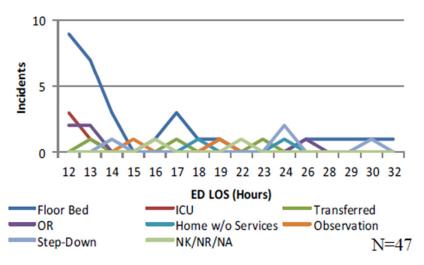
ED LOS >12 Hours



ED Length of Stay (Hours)



ED Disposition for ED LOS >12 Hours

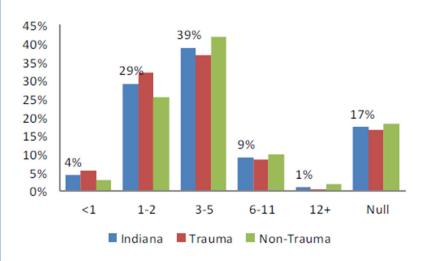


ED LENGTH OF STAY (HOURS)

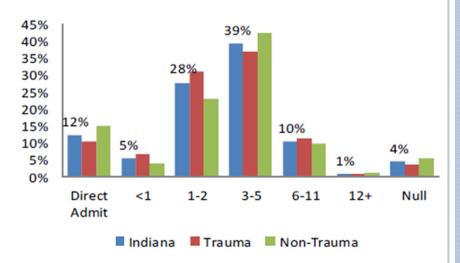
November 2013

February 2014

ED Length of Stay (Hours)

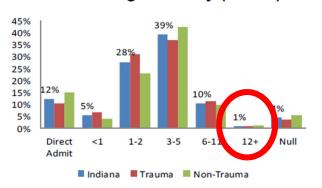


ED Length of Stay (Hours)

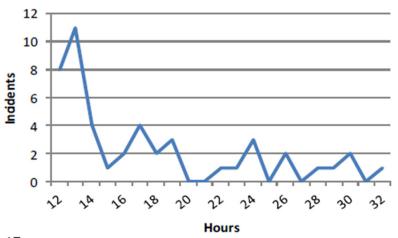


ED: DISPOSITION / LENGTH OF STAY - PAGE 4

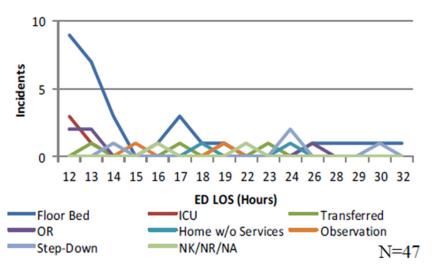
ED Length of Stay (Hours)



ED LOS >12 Hours



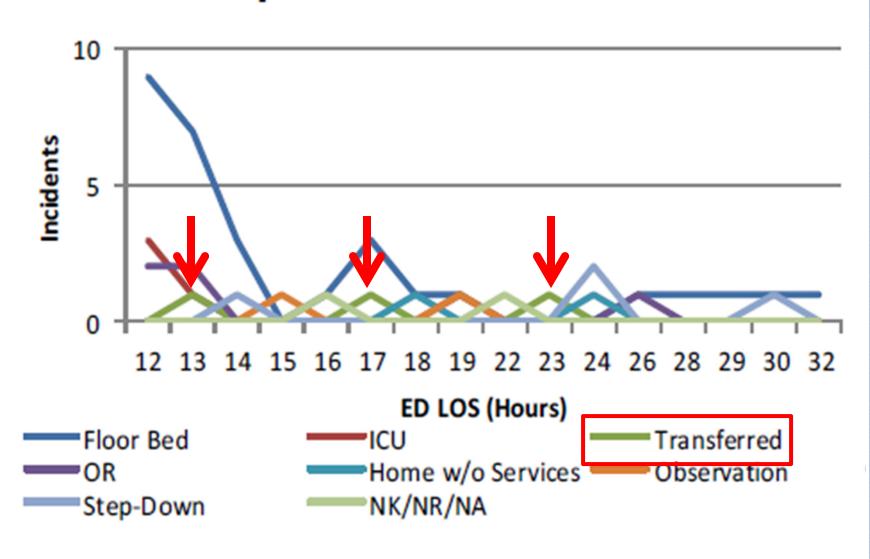
ED Disposition for **ED** LOS >12 Hours



N=47

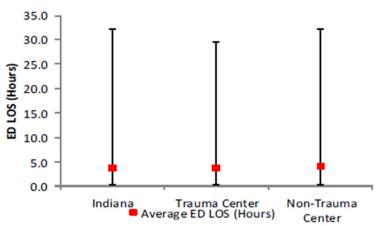
ED: DISPOSITION / LENGTH OF STAY - PAGE 4

ED Disposition for **ED** LOS >12



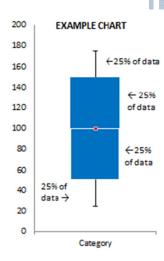
ED LENGTH OF STAY: BAR & WHISKER - PAGE 5

ED LOS (Hours)

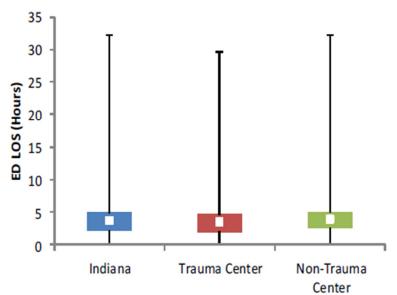


Bar and whisker plots were requested at the last ISTCC meeting in order to show more than just an average ED LOS and ED LOS by ISS. The bar and whisker plots represent the four quartiles of data, as illustrated on the example graph to the right. The blue boxes each contain 25% of the values and the error bars each represent where 25% of the values fell. The median is represented in the middle of the two blue boxes with the white line. The red dot in the center indicates the average for that category. The cap on the error bars indicates the minimum and maximum of each category and all the values fall within the two caps.

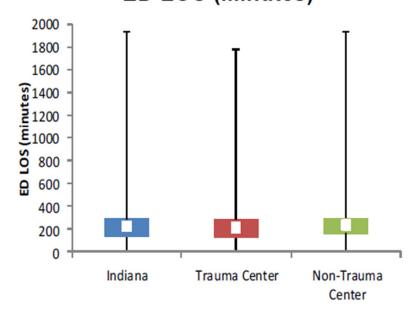
For the ED LOS bar and whisker plots below, the average is represented by the white dot and the color boxes reflect the hospital type. The ED LOS by ISS plots on the next page follow the same layout and the red dots indicate the average for each of the ISS categories.



ED LOS (Hours)



ED LOS (Minutes)

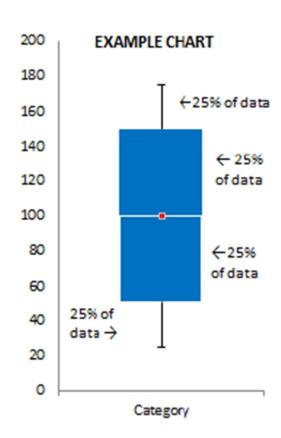


A table with all the values for ED LOS is found on page 17.

ED LENGTH OF STAY: BAR & WHISKER - PAGE 5

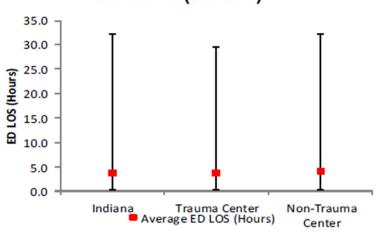
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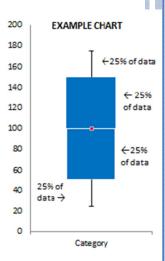
ED LENGTH OF STAY: BAR & WHISKER - PAGE 5

ED LOS (Hours)

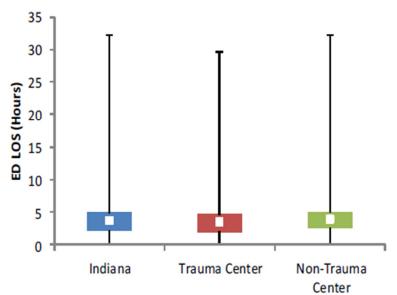


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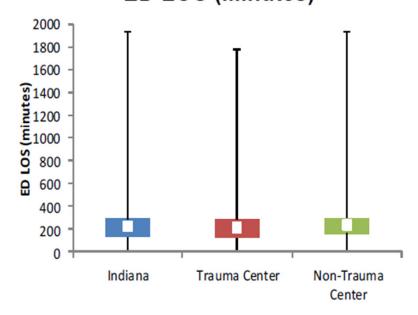
For the ED LOS bar and whisker plots below, the average is represented by the white dot and the color boxes reflect the hospital type. The ED LOS by ISS plots on the next page follow the same layout and the red dots indicate the average for each of the ISS categories.



ED LOS (Hours)

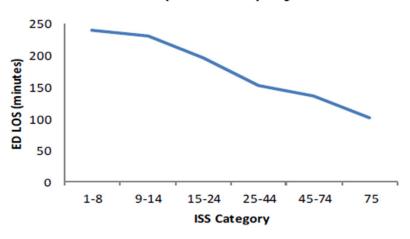


ED LOS (Minutes)

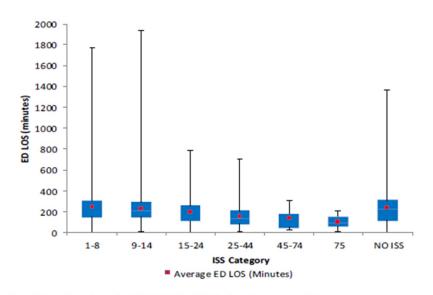


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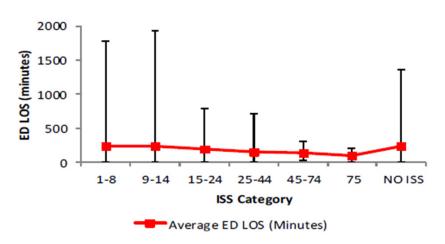
ED LOS (Minutes) by ISS



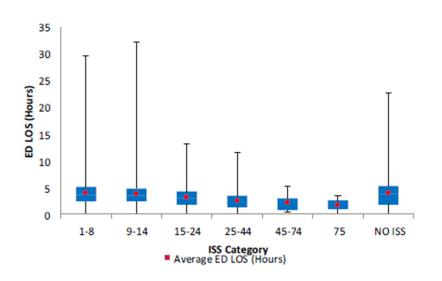
ED LOS (Minutes) by ISS



ED LOS (Minutes) by ISS

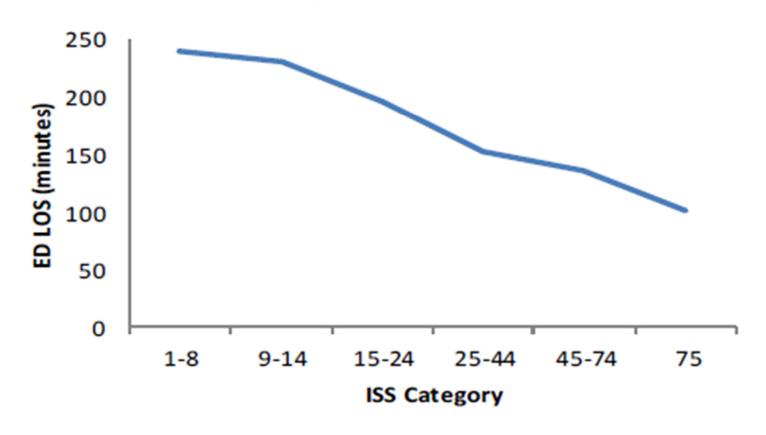


ED LOS (Hours) by ISS

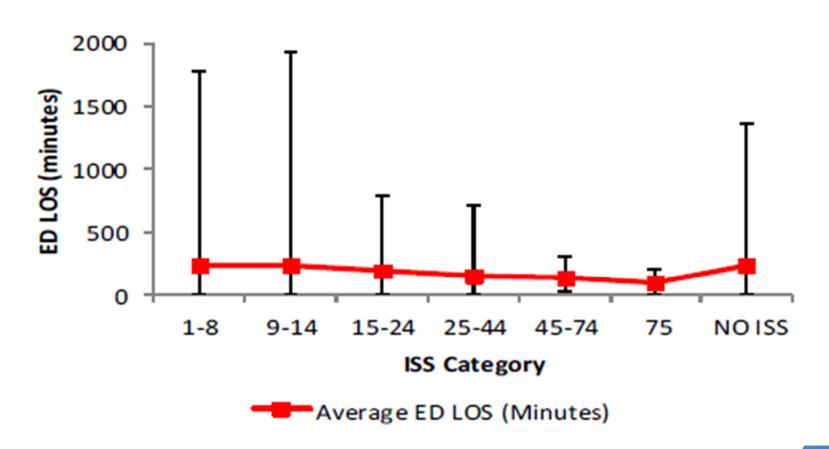


^{*}A table with values for ED LOS by ISS is found on page 17.

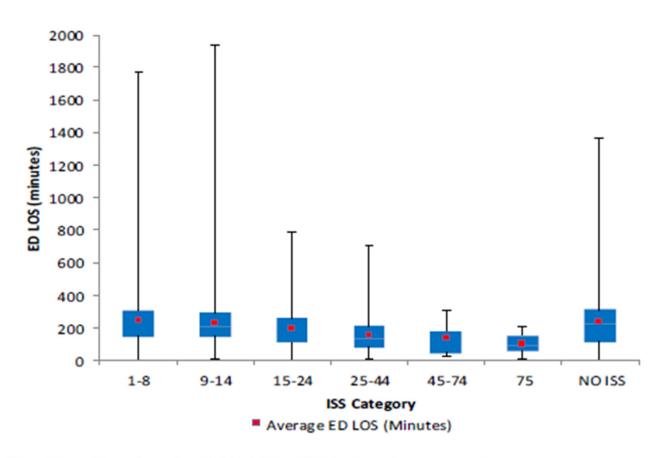
ED LOS (Minutes) by ISS



ED LOS (Minutes) by ISS



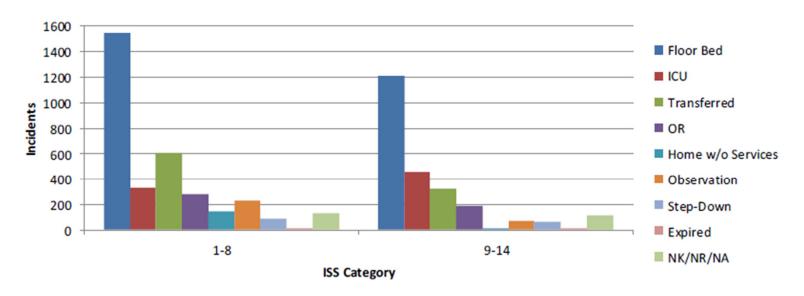
ED LOS (Minutes) by ISS



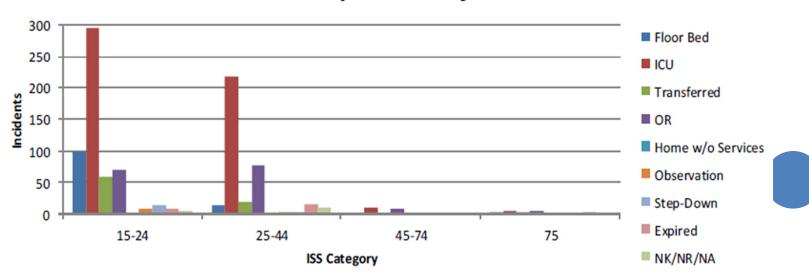
^{*}A table with values for ED LOS by ISS is found on page 17.

ED DISPOSITION BY ISS - PAGE 7

ED Disposition by ISS 1-14

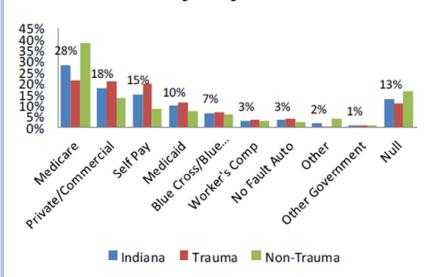


ED Disposition by ISS 15-75

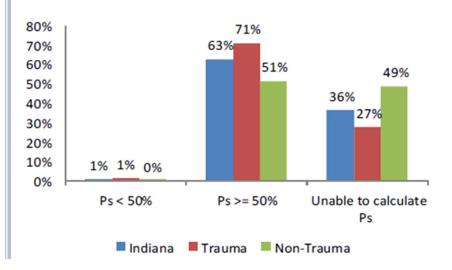


PATIENT OUTCOMES—PAGE 8

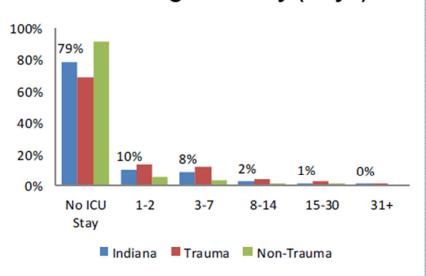
Primary Payer Mix



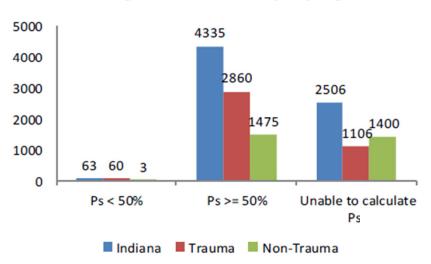
Probability of Survival (Ps) by Percent



ICU Length of Stay (Days)



Probability of Survival (Ps) by Count

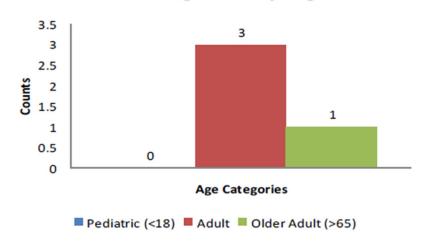


Cases to Review - Page 9

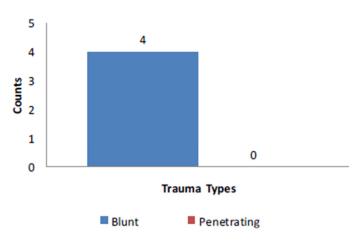
UPDATED—ED Disposition of Expired for Ps ≥50%, N=4

| Patients with Ps ≥50% Expired in ED, N=4 | | |
|--|-----------------------------|--|
| Gender | 3 Males 1 Females | |
| Average Age | 53.5 years (28-84 years) | |
| Facilities | 4 Trauma Center | |
| Transport Type | 1 by Helicopter Ambulance | |
| Cause of Injury | 3 MVC 1 Transport, Other | |
| Inter-Facility Transfer | 0 Transfers | |

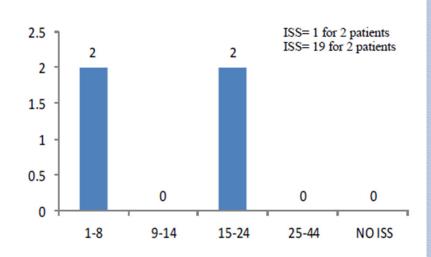
Patient Age Groupings



Trauma Type

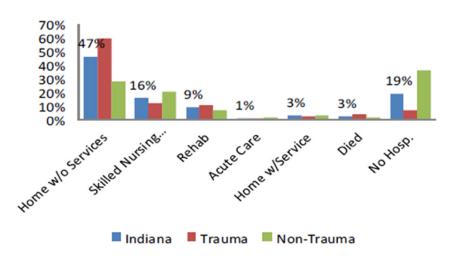


Injury Severity Score



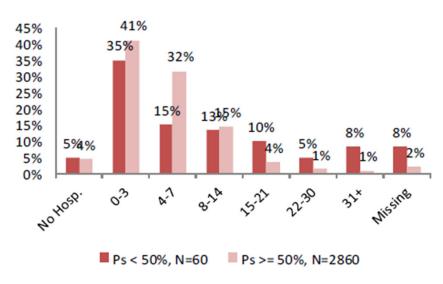
HOSPITAL DISPOSITION / LENGTH OF STAY - PAGE 10

Hospital Disposition

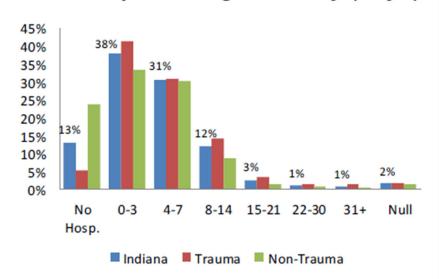


*<1% Hospital Disposition: Intermediate Care Center, Hospice Care, AMA

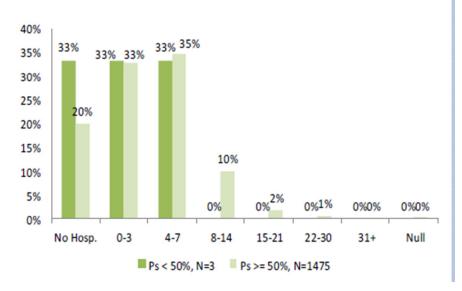
Hospital LOS (days) by Ps Trauma Centers



Hospital Length of Stay (days)

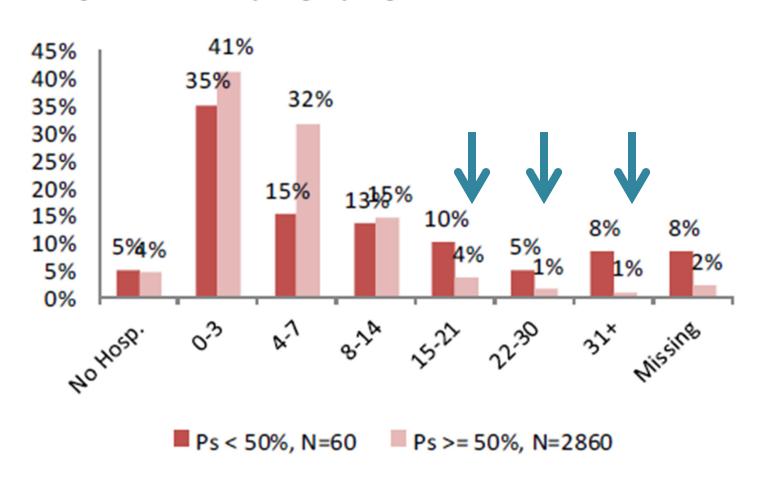


Hospital LOS (days) by Ps Non-Trauma Centers



HOSPITAL DISPOSITION / LENGTH OF STAY - PAGE 10

Hospital LOS (days) by Ps Trauma Centers



ADDED: Transfer Cases Cover Page – Page 11

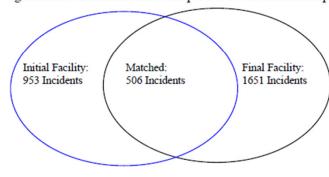
Indiana Trauma Registry

Statewide Quarter 3 Data Report

July 1, 2013 to September 30, 2013 6,904 Incidents—506 Linked Transfer Cases 54 Total Hospitals Reporting

Trauma Centers: 9 facilities 58.3% of data (Non-Trauma) Hospitals: 45 facilities 41.7% of data

For Quarter 3 2013, of the 6,904 incidents reported to the Indiana Trauma Registry, 2,105 cases that had an ED Disposition of "Transferred to another acute care facility" at the initial facility or that had the Inter-Facility Transfer equal to "Yes" at the Trauma Center. Of those transferred, 506 cases were manually linked. The linked cases make up 17% of the Q3 2013 data. All public health preparedness districts are represented. The diagram below illustrates the overlap between the transfers reported from the initial facility and from the final facility that can then be matched.



The initial facility in which transfers come from may be considered Critical Access Hospitals (CAHs). All Indiana CAHs are considered Rural, and must meet additional requirements to have a CAH designation, such as having no more than 25 inpatient beds and being located in a rural area. Facilities that are highlighted indicate that this facility reported data for Ouarter 3 2013.

Within this transfer data section, the purple columns represent the transfer cases and the single percentages represent the percent for the transfer cases. For two demographic variables, patient age groupings and gender, the Indiana average is included to provide more insight to this transfer population.

| | Indiana Critical Access Hospitals (CAHs) | | | | |
|---|--|-------------------------------------|--|--|--|
| | Adams Memorial Hospital | Perry County Memorial Hospital | | | |
| | Cameron Memorial Community Hospital | Pulaski Memorial Hospital | | | |
| ١ | Community Hospital of Bremen | Putnam County Hospital | | | |
| ١ | Decatur County Memorial Hospital | Rush Memorial Hospital | | | |
| j | Dukes Memorial Hospital | St. Mary's Warrick Hospital | | | |
| / | Gibson General Hospital | St. Vincent - Clay Hospital | | | |
| | Greene County General Hospital | St. Vincent - Dunn Hospital | | | |
| | Harrison County Hospital | St. Vincent - Frankfort Hospital | | | |
| | IU Health – Bedford Hospital | St. Vincent – Jennings Hospital | | | |
| | IU Health – Blackford Hospital | St. Vincent - Mercy Hospital | | | |
| | IU Health - Paoli Hospital | St. Vincent - Randolph Hospital | | | |
| | IU Health – Tipton Hospital | St. Vincent- Salem Hospital | | | |
| | IU Health – White Memorial Hospital | St. Vincent - Williamsport Hospital | | | |
| | Jasper County Hospital | Sullivan County Community Hospital | | | |
| | Jay County Hospital | Wabash County Hospital | | | |
| | Margaret Mary Community Hospital | Woodlawn Hospital | | | |
| | Parkview LaGrange Hospital | | | | |

Indiana Rural Hospitals

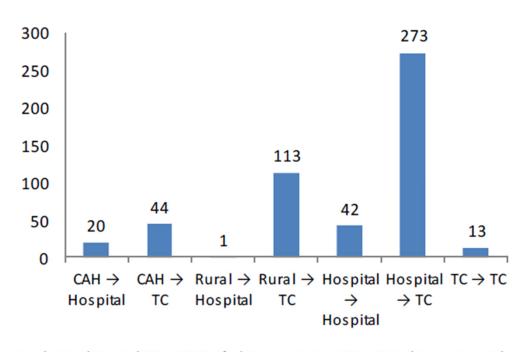
| Columbus regional Hospital | Kosciusko Community Hospital | |
|--|---|--|
| Fayette Regional Health System | Marion General Hospital | |
| Franciscan St. Anthony Health - Michigan City | Memorial Hospital (Logansport) | |
| Franciscan St. Elizabeth Health - Crawfordsville | Memorial Hospital & Health Care Center (Jasper) | |
| Good Samaritan Hospital | Parkview Noble Hospital | |
| Henry County Memorial Hospital | Reid Hospital & Health Care Services | |
| IU Health – LaPorte Hospital | St. Joseph's Regional Medical Center - Plymouth | |
| IU Health - Starke Hospital | Schneck Medical Center | |
| King's Daughters' Health | | |

TRANSFER PATIENT: FACILITY TYPE - PAGE 12

Facility to Facility Transfers

| For Transfer Patients: | | |
|-----------------------------|------------------------|--------------------|
| Initial Facility Type | Final Facility Type | Incident Counts |
| Rural Hospital | Hospital | 1 |
| Trauma Center | Trauma Center | 13 |
| Critical Access Hospital | Hospital | 20 |
| Hospital | Hospital | 42 |
| Critical Access Hospital | Trauma Center | 44 |
| Rural Hospital | Trauma Center | 113 |
| Hospital | Trauma Center | 273 |
| Total | | 506 |

Facility Transfer Type



Rural = Rural Hospital; TC = ACS Verified Trauma Center; CAH = Critical Access Hospital; Hospital = does not fall into above categories

TRANSFER PATIENT DATA AVERAGES - PAGE 13

For Linked Transfer Patients:

| For Transfer Patients: | | | | |
|---|-----------------------|------------------------------------|--|--|
| | All Transfer Patients | <u>Critical*</u> Transfer Patients | | |
| Number of Patients | 506 | 166 | | |
| EMS Notified to Scene | 9 minutes | 9 minutes | | |
| EMS Scene Arrival to Departure | 16 minutes | 14 minutes | | |
| EMS Scene Departure to Initial Hospital ED Arrival | 19 minutes | 19 minutes | | |
| Initial Hospital ED Arrival to Departure | 3 hours 10 minutes | 2 hours 37 minutes | | |
| Initial Hospital ED Departure to Final Hospital ED Arrival | 1 hour 50 minutes | 1 hour 56 minutes | | |
| TOTAL TIME | 5 hours 44 minutes | 5 hours 15 minutes | | |

^{*}Critical patient is defined as having an ISS > 15, OR GCS ≤ 12, OR Shock Index > 0.9 at EITHER the initial hospital or the final trauma center.

TRANSFER PATIENT DATA AVERAGES – PAGE 13



9 Minutes



16 Minutes



TRANSFER PATIENT DATA AVERAGES – PAGE 13



19 Minutes



3 Hours10 Minutes

Transfer Patient Data Averages – Page 13



Ground: 2 hours, 2 minutes
Air: 1 hour, 5 minutes



Total:
5 Hours
44 Minutes

CRITICAL PATIENT TRANSFER DATA AVERAGES – PAGE 13



9

Minutes

Critical Patient defined as:

• ISS > 15

OR

• GCS ≤ 12

OR

• Shock Index > 0.9



14

Minutes



CRITICAL PATIENT TRANSFER DATA AVERAGES – PAGE 13



19 Minutes



2 Hours 37 Minutes

CRITICAL PATIENT TRANSFER DATA AVERAGES – PAGE 13



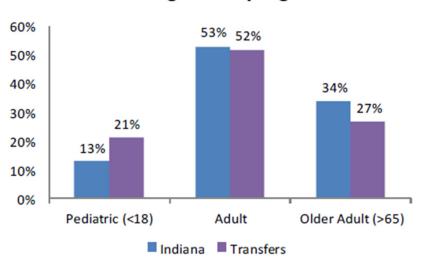
Ground: 2 Hours 18 Minutes
Air: 1 Hour 15 Minutes



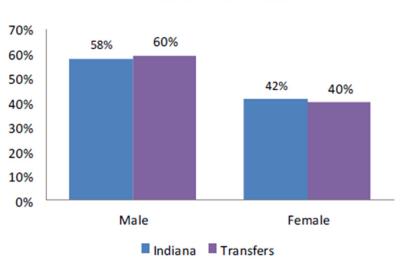
Total:
5 Hours
15 Minutes

TRANSFER PATIENT POPULATION - PAGE 14

Patient Age Groupings



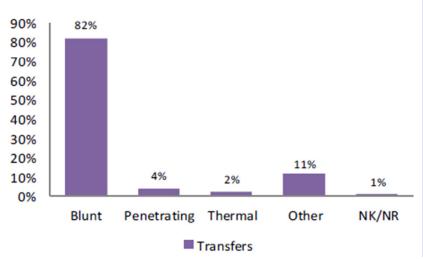
Patient Gender



Injury Severity Score (ISS)- Final Hospital

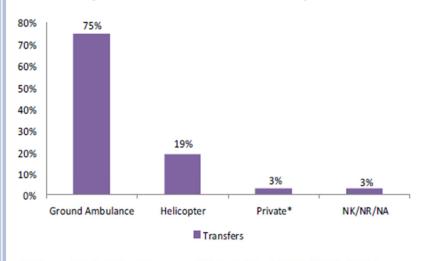


Trauma Type- Final Hospital



TRANSFER PATIENT POPULATION – PAGE 15

Transport Mode Final Hospital



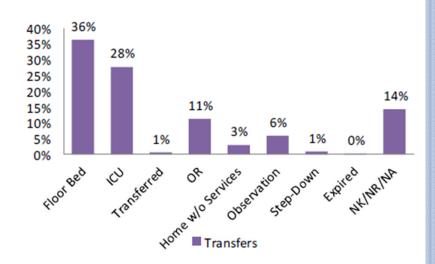
:1% Transport Mode: Police, Other

* Indicates Private/ Public Vehicle, Walk-in

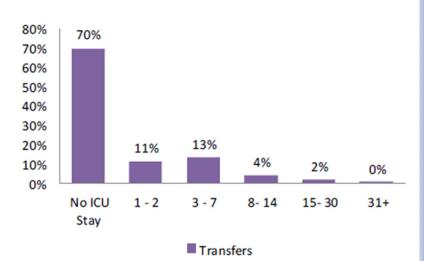
ED Length of Stay (hours)- Final Hospital



ED Disposition by Percentage- Final Hospital



ICU Length of Stay (days)- Final Hospital

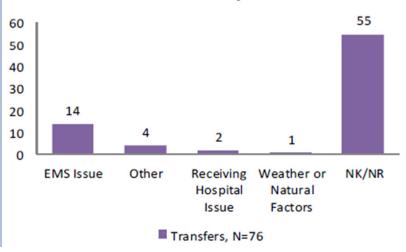


TRANSFER PATIENT POPULATION - PAGE 16

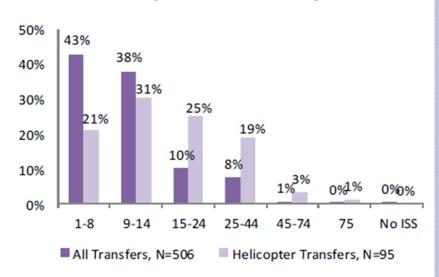
Discharge Disposition Final Hospital



Initial Facility Transfer Delay Reason-Initial Hospital



Helicopter Transfers by ISS



TRAUMA DATA TABLES – PAGE 17

ED Length of Stay

| ED Length of Stay (minutes) | | | | | |
|-----------------------------|----------------------------------|--------|----------------------|--|--|
| | Indiana Trauma Average Center | | Non-Trauma Center | | |
| N= | 5765 | 3469 | 2296 | | |
| Average | 227.8 | 219.6 | 240.1 | | |
| Std. Deviation | 144.2 | 138.8 | 151.0 | | |
| Minimum | 2.0 | 2.0 | 2.0 | | |
| Quartile 1 | 136.0 | 124.0 | 158.0 | | |
| Median | 206.0 | 196.0 | 219.0 | | |
| Quartile 3 | 292.0 | 285.0 | 298.0 | | |
| Maximum | 1936.0 | 1777.0 | 1936.0 | | |

ED Length of Stay by ISS

| ED Length of Stay (minutes) | | | | | | |
|-----------------------------|--------------------|------------------|----------------------|--|--|--|
| ISS Category | Indiana Average | Trauma Center | Non-Trauma Center | | | |
| 1-8 | 239.8 | 237.0 | 243.3 | | | |
| 9-14 | 231.5 | 223.5 | 243.2 | | | |
| 15-24 | 195.9 | 192.8 | 211.3 | | | |
| 25-44 | 152.7 | 154.3 | 140.7 | | | |
| 45-74 | 136.2 | 133.7 | 179.0 | | | |
| 75 | 101.4 | 109.9 | 34.0 | | | |
| No ISS | 238.1 | 239.1 | 238.0 | | | |

ED Disposition

| ED Disposition (count) | | | | | | |
|------------------------|---------|------------------|----------------------|--|--|--|
| | Indiana | Trauma Center | Non-Trauma Center | | | |
| Floor Bed | 2911 | 1715 | 1196 | | | |
| ICU | 1319 | 1168 | 151 | | | |
| Transferred | 1058 | 105 | 953 | | | |
| OR | 628 | 486 | 142 | | | |
| Home w/o Services | 160 | 142 | 18 | | | |
| Observation | 317 | 178 | 139 | | | |
| Step-Down | 163 | 68 | 95 | | | |
| Expired | 57 | 35 | 22 | | | |
| AMA | 5 | 5 | 0 | | | |
| Home W/ Services | 4 | 0 | 4 | | | |
| Other | 9 | 7 | 2 | | | |
| NK/NR/NA | 273 | 117 | 156 | | | |

^{*}A bar graph of ED Disposition is found on page 4.

^{*}A bar graph of ED Length of Stay is found on page 4.

^{*}A Box and Whisker plot of ED LOS is found on page 5.

^{*}A Box and Whisker plot of ED Length of Stay by ISS is found on page 6.

TRAUMA DATA TABLES - PAGE 18

ED Disposition (count) by ISS Category

| | Floor Bed | ICU | Transferred | OR | Observation | NK/NR/ NA | Step- Down | Home w/o Services | Expired | Other | AMA | Home w/ Services | Total |
|-----------|--------------|------|-------------|-----|-------------|--------------|---------------|-------------------------|---------|-------|-----|------------------------|-------|
| 1-8 | 1546 | 332 | 610 | 282 | 232 | 132 | 88 | 148 | 15 | 9 | 5 | 4 | 3403 |
| 9-14 | 1216 | 454 | 325 | 187 | 71 | 115 | 60 | 6 | 10 | 0 | 0 | 0 | 2444 |
| 15-24 | 99 | 296 | 58 | 69 | 7 | 5 | 13 | 0 | 8 | 0 | 0 | 0 | 555 |
| 25-44 | 14 | 218 | 19 | 76 | 3 | 10 | 1 | 0 | 15 | 0 | 0 | 0 | 356 |
| 45-74 | 0 | 10 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| 75 | 3 | 5 | 1 | 4 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 15 |
| NO ISS | 33 | 4 | 45 | 2 | 4 | 11 | 1 | 6 | 7 | 0 | 0 | 0 | 113 |
| Total | 2911 | 1319 | 1058 | 628 | 317 | 273 | 163 | 160 | 57 | 9 | 5 | 4 | 6904 |

^{*}Bar graph of ED Disposition by ISS is found on page 7

Trauma Care Committee Requests - Page 19

Requests from Trauma Care Committee members:

General Report:

- -Page numbers have been added to the report on the bottom right corner.
- -The ED LOS now includes the mean, median, quartiles 1 & 3, minimum, and maximum values in the table found on page 17.
 - -Several bar and whiskers plots of ED LOS is found on page 5.
 - -An explanation of the bar and whiskers plot is found on page 5.
- -The ED LOS by ISS now includes the mean, median, quartiles 1 & 3, minimum, and maximum values in the table found on page 17.
 - -The bar and whisker plot of ED LOS by ISS is found on page 6.
- -There are two Probability of survival (PS) graphs to include the percentages and counts, which are found on page 8.
- -The TRISS graph is not included in this report, but information about ED disposition as death with PS ≥50% is found on page 9.

Transfer data:

- -Total number of transfers is indicated in the table on page 13, the cover page on page 11, and on header in each transfer section page.
- -A table and bar graph of includes the breakdown of rural, CAHs, hospitals, and trauma center transfers is found on page 12
 - -This table and bar graph indicates rural and CAHs as requested.
- -Basic patient demographic information has been included on pages 14, 15, and 16.
- -A bar graph to compare helicopter transfers to ground ambulance is found on page 16.
- -A bar graph about reasons for transfer delay is found on page 16.

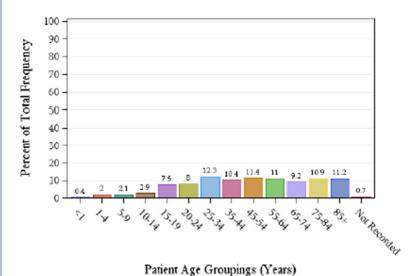
QUESTIONS?

ISDH EMS REGISTRY DATA

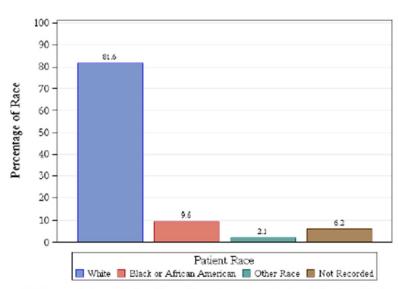
- 15,004 <u>traumatic injury</u> incidents
 - Possible Injury indicated
 - Provider Primary Impression
 - Provider Secondary Impression
 - Complaint Reported by Dispatch is trauma injury
- January 1, 2013 to January 25, 2014
- 73 total providers reporting

<u>267,000+ runs in the ISDH</u> <u>EMS Registry</u>

Patient Age Groupings (Years)

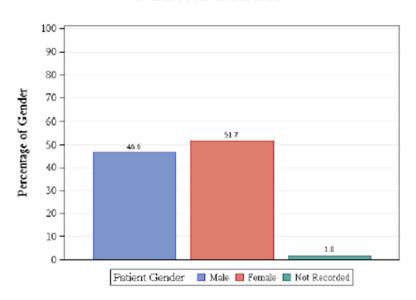


Patient Race

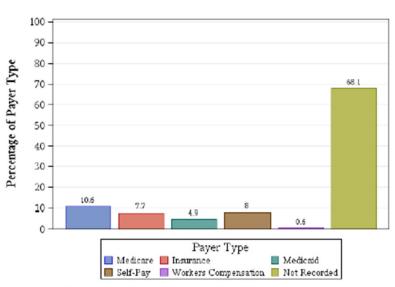


<1% Race: Asian, Native Hawaiian, American Indian/Alaskan Native

Patient Gender



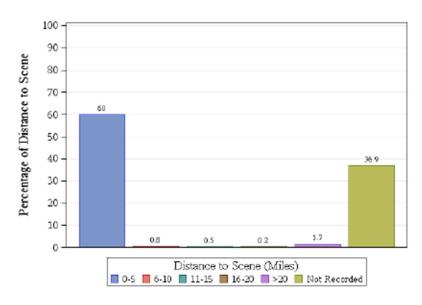
Payer Type



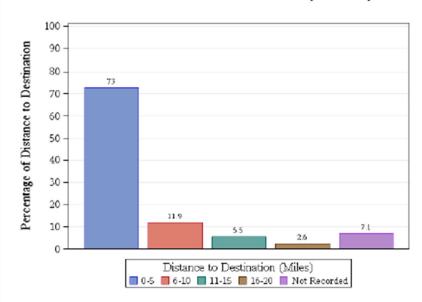
*Traumatic Injuries include the following criteria:

Possible Injury indicated, or Provider Primary or Secondary Impression
is Traumatic Injury, or Complaint Reported by Dispatch is Traumatic Injury

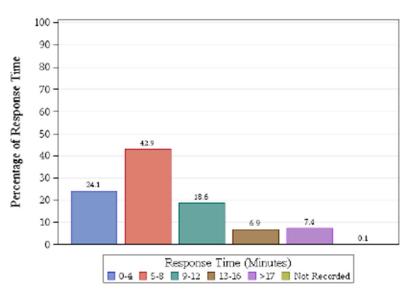
Distance to Scene (Miles)



Distance to Destination (Miles)

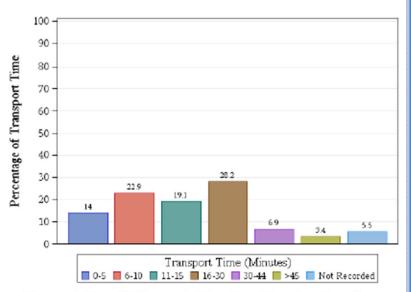


Response Time (Minutes)



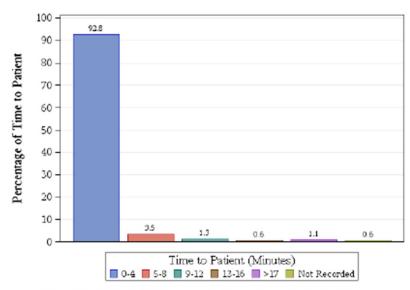
Response Time: Difference in Time from Dispatch to Arrival on Scene

Transport Time (Minutes)



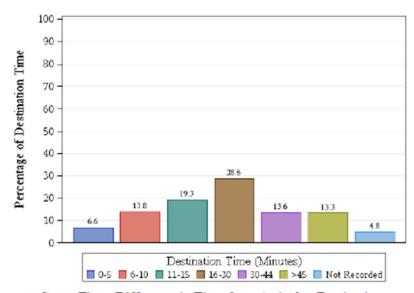
Transport Time: Difference in Time from Departure from Scene to Arrival At Destination

Time to Patient (Minutes)



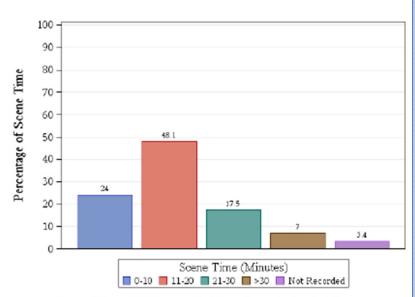
Time To Patient: Difference in Time from Arrival at Scene to Patient Arrival

Destination Time (Minutes)



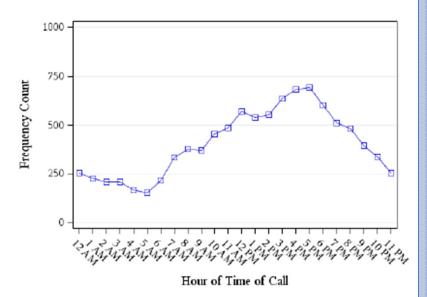
Scene Time: Difference in Time from Arrival at Destination to Unit Back in Service

Scene Time (Minutes)



Scene Time: Difference in Time from Arrival at Scene to Leaving Scene

Time of Call

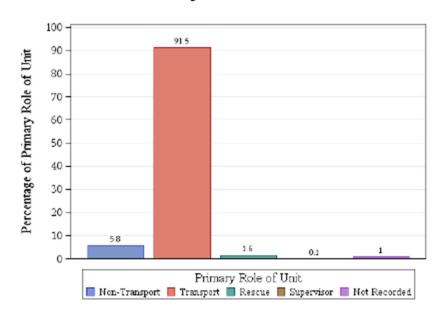


Time of Call Not Recorded for 5,311 Incidents

Average Run Mileage

| Obs | Destination | Miles |
|-----|------------------------|-------|
| 1 | Mileage to Scene | 1.3 |
| 2 | Mileage to Destination | 3.3 |
| 3 | Total Mileage | 5.6 |

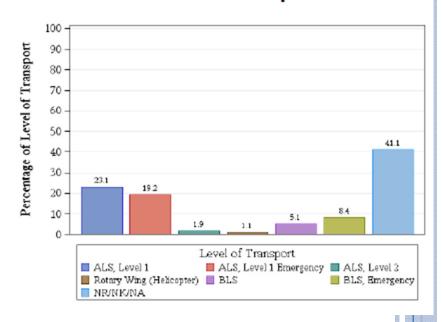
Primary Role of Unit



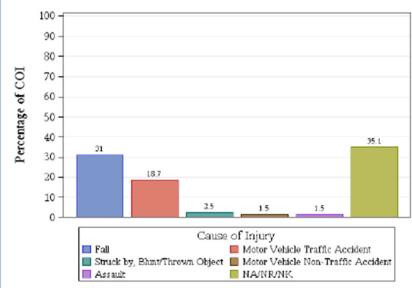
Average Run Time (Minutes)

| Obs | Destination | Minutes |
|-----|---------------------|---------|
| 1 | Time to Scene | 8.54 |
| 2 | Time to Patient | 1.95 |
| 3 | Time at Scene | 16.67 |
| 4 | Time to Destination | 16.30 |
| 5 | Back in Service | 24.87 |
| 6 | Total Run Time | 59.54 |

Level of Transport

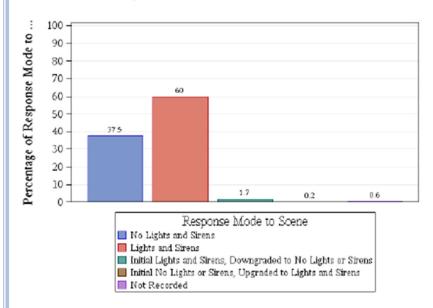


Cause of Injury (COI)

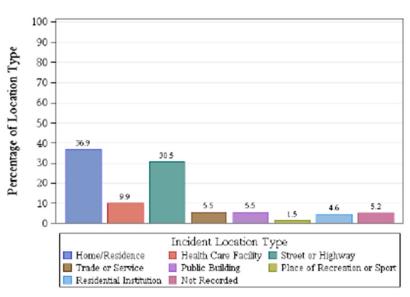


<1.5% COI: Motorcycle Accident, Stabbing/Cutting Assault, Bites, Machinery Accidents, Fire/Flames, Pedestrian Traffic Accident, Bicycle Accident, Firearm Injuries

Response Mode to Scene

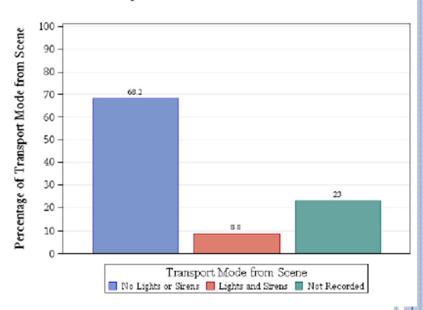


Incident Location Type

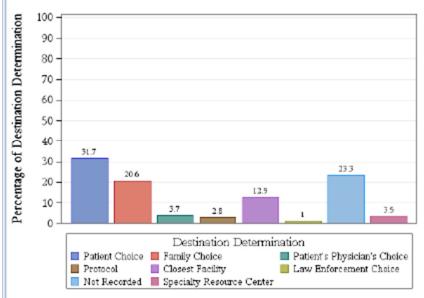


<1% Location Type: Mine or Quarry, Lake/River/Ocean

Transport Mode from Scene

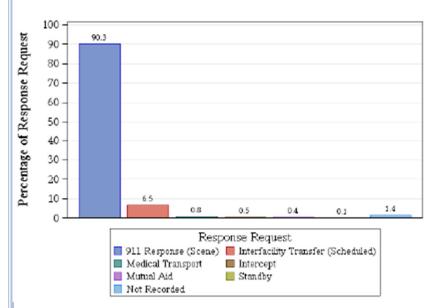


Destination Determination

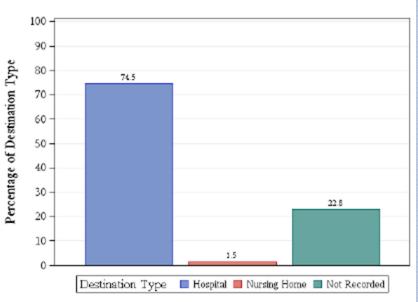


<1% Destination Determination: On-line Medical Direction, Insurance Status, Diversion

Response Request

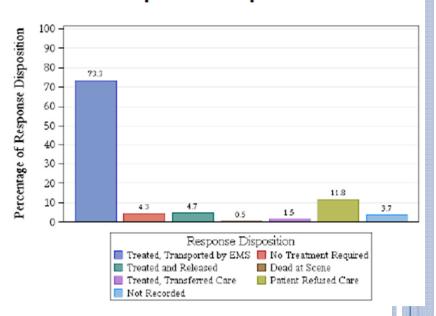


Destination Type



<1% Destination Type:EMS Responder (Ground),Other Morgue, Other EMS Responder (Air), Police/Jail

Response Disposition



QUESTIONS?